

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for the preparation of soluble molecular complexes comprising one or more active substances which are poorly soluble in an aqueous medium, included in one or more host molecules, ~~characterized in that~~ wherein it consists of the following steps:

- (a) bringing one or more active substances into contact with one or more host molecules,
- (b) carrying out a molecular diffusion step by bringing a dense fluid under pressure into contact, in static mode, with the mixture obtained in step (a) in the presence of one or more diffusion agents,
- (c) recovering the molecular complex thus formed.

2. (Currently amended) The method as claimed in claim 1, ~~characterized in that~~ wherein the dense fluid under pressure is CO₂.

3. (Currently amended) The method as claimed in either of claims 1 and 2, ~~characterized in that~~ wherein the active substance is a pharmaceutical active agent, ~~preferably chosen from the group comprising analgesics, antipyretics, aspirin and its derivatives, antibiotics, anti-inflammatory agents, antiulcer agents, antihypertensives, neuroleptics, antidepressants, oligonucleotides having a therapeutic activity, peptides having a therapeutic activity and proteins having a therapeutic activity,~~ a cosmetic active agent or a nutraceutical active agent.

4. (Currently amended) The method as claimed in claim 3, ~~characterized in that~~ wherein the active substance is chosen from the group comprising anilide derivatives, epipodophyllotoxin derivatives, minoxidil, piroxicam, valeric acid, octanoic acid, lauric acid, stearic acid, tiaprofenic acid, omeprazole and eflucimibe.

5. (Currently amended) The method as claimed in either of claims 1 and 2, wherein any ~~one of claims 1 to 4, characterized in that~~ the host molecule is chosen from the group consisting of polysaccharides and monosaccharides, ~~preferably from cyclodextrins and a mixture thereof.~~

6. (Currently amended) The method as claimed in either of claims 1 and 2, wherein any ~~one of claims 1 to 5, characterized in that~~ the diffusion agent is chosen from the group consisting of alcohols, ketones, ethers, esters and water with or without surfactant and mixtures thereof.

7. (Currently amended) The method as claimed in claim 6, ~~characterized in that~~ wherein the diffusion agent is water.

8. (Currently amended) The method as claimed in either of claims 1 and 2, wherein any ~~one of claims 1 to 7, characterized in that~~ step (b) of molecular diffusion is performed with stirring.

9. (Currently amended) The method as claimed in either of claims 1 and 2, wherein any ~~one of claims 1 to 8, characterized in that~~ the diffusion agent is added continuously or batchwise in a quantity of between 1 and 50% by mass, ~~preferably between 20 and 25% by mass.~~

10. (Currently amended) The method as claimed in either of claims 1 and 2, wherein any ~~one of claims 1 to 9, characterized in that~~ the pressure of the supercritical fluid is between 5 MPa and 40 MPa and the temperature is between 0 and 120°C.

11. (Currently amended) A soluble molecular complex comprising one or more active substances which are poorly soluble in an aqueous medium, included in one or more host molecules, ~~characterized in that~~ wherein it is capable of being obtained by the method as claimed in either of claims 1 and 2 any ~~one of claims 1 to 10.~~

12. (New) The method as claimed in claim 3, wherein the active substance is a pharmaceutical active agent is chosen from the group comprising analgesics, antipyretics, aspirin and its derivatives, antibiotics, anti-inflammatory agents, antiulcer agents, antihypertensives, neuroleptics, antidepressants, oligonucleotides having a therapeutic activity, peptides having a therapeutic activity and proteins having a therapeutic activity.

13. (New) The method as claimed in claim 5, wherein the host molecule is chosen from cyclodextrins and a mixture thereof.

14. (New) The method as claimed in claim 9, wherein the diffusion agent is added in a quantity of between 20 and 25% by mass.

15. (New) A soluble molecular complex obtained by the method as claimed in either of claims 1 and 2.